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PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Docket No: Q86499

Yoshikazu KAKURA, et al.

Appln. No.: Not Assigned

Confirmation No.: Not assigned

Group Art Unit: Not assigned

Filed: March 1, 2005

Examiner: Not assigned

For: RADIO TRANSMITTER-RECEIVER AND RADIO TRANSMITTING-RECEIVING  
METHOD FOR ESTIMATING THE NOISE AND INTERFERENCE POWER IN RADIO  
TRANSMISSION THAT EMPLOYS CODE SPREADING

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. §§ 1.97 and 1.98**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby  
notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached  
PTO/SB/08 A & B (modified) form and/or listed herein and which the Examiner may deem  
material to patentability of the claims of the above-identified application.

1. Japanese Patent Laid-Open Publication No. 2000-91986, published 3/31/2000; with  
English Abstract.

2. Japanese Patent Laid-Open Publication No. 2001-24618, published 1/26/2001, with  
English Abstract.

3. Japanese Patent Laid-Open Publication No. 2001-28557, published 1/30/2001, with  
English Abstract

INFORMATION DISCLOSURE STATEMENT  
National Stage Entry of PCT/JP2004/005996  
Q86499

4. Japanese Patent Laid-Open Publication No. 2001-144724, published 5/25/2001, with English Abstract

5. Japanese Patent Laid-Open Publication No. 2001-168837, published 6/22/2001, with English Abstract

6. Japanese Patent Laid-Open Publication No. 2001-203664, published 7/27/2001, with English Abstract

7. Japanese Patent Laid-Open Publication No. 2002-198902, published 7/12/2002, with English Abstract

8. Japanese Patent Laid-Open Publication No. 2002-271296, published 9/20/2002, with English Abstract

9. Lei XIAO et al, "A Flexible MC-2D-CDMA Communication System Under Rayleigh Fading Channel", The Proceedings of PIMRC 1999, pp. 498-502.

10. Japanese Patent Laid-Open Publication No. 2003-046474, published 2/14/2003, with English Abstract

11. Japanese Patent Laid-Open Publication No. 2003-046481, published 2/14/2003, with English Abstract

12. Hiroyasu SANO et al, "SB-11 Wireless Access Techniques and Broadband Mobile Communication Systems", IEEE, Nagoya Institute of Technology, September 7, 2000. page 378.

One copy of each of the listed documents is submitted herewith.

The present Information Disclosure Statement is being filed: (1) No later than three months from the application's filing date; (2) Before the mailing date of the first Office Action on the merits (whichever is later); or (3) Before the mailing date of the first Office Action after

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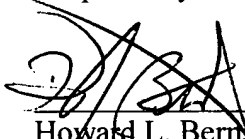
filing a request for continued examination (RCE) under §1.114, and therefore, no Statement under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

In compliance with the concise explanation requirement under 37 C.F.R. § 1.98(a)(3) for foreign language documents, Applicant submits the following explanations: references 1-9 are discussed in the Specification beginning on Page 4; references 10-12 are listed the International Search Report dated August 17, 2004 and attached herewith.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account. A duplicate copy of this paper is attached.

Respectfully submitted,

  
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WASHINGTON OFFICE

**23373**

CUSTOMER NUMBER

Date: March 1, 2005

Substitute for Form 1449 A & B/PTO  <b><u>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</u></b>  <i>(use as many sheets as necessary)</i>				<i>Complete if Known</i> Application Number <b>10-526225</b>	
				Confirmation Number Not assigned Filing Date March 1, 2005 First Named Inventor Yoshikazu KAKURA Art Unit Not assigned Examiner Name Not assigned Attorney Docket Number Q86499	
Sheet	1	of	1		

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code <sup>2</sup> (if known)		
		US			
		US			

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			
		JP	2000-091986	A	03-31-2000	Matsushita Electric Ind. Co., Ltd.	English Abstract
		JP	2001-024618	A	01-26-2001	Matsushita Electric Ind. Co., Ltd.	English Abstract
		JP	2001-028557	A	01-30-2001	Matsushita Electric Ind. Co., Ltd.	English Abstract
		JP	2001-144724	A	05-25-2001	Matsushita Electric Ind. Co., Ltd.	English Abstract
		JP	2001-168837	A	06-22-2001	YRP Mobile Telecommunications Key Tech Res Lab Co., Ltd. Mitsubishi Electric Corp.	English Abstract
		JP	2001-203664	A	07-27-2001	Matsushita Electric Ind. Co., Ltd.	English Abstract
		JP	2002-198902	A	07-12-2002	Hitachi Ltd.	English Abstract
		JP	2002-271296	A	09-20-2002	Matsushita Electric Ind. Co., Ltd.	English Abstract
		JP	2003-046474	A	02-14-2003	Matsushita Electric Ind. Co., Ltd.	English Abstract
		JP	2003-046481	A	02-14-2003	Matsushita Electric Ind. Co., Ltd.	English Abstract

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation <sup>6</sup>
		Lei XIAO et al, "A Flexible MC-2D-CDMA Communication System Under Rayleigh Fading Channel", The Proceedings of PIMRC 1999, pp. 498-502.	
		Hiroyasu SANO et al, "SB-11 Wireless Access Techniques and Broadband Mobile Communication Systems", IEEE, Nagoya Institute of Technology, September 7, 2000. page 378.	

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov), MPEP 901.04 or in the comment box of this document. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to indicate here if English language Translation is attached.